

小白成长日记——第十四天

我变强了，也要秃了

bootstrap

1. 图片设置

图片形状：

img-rounded：让图片显示圆角效果

img-circle：设置椭圆形图片

img-thumbnail：用于设置图片缩略图(图片有边框)：

```



```

图片对齐

```


```

响应式图片

在Bootstrap4，我们可以通过在 标签中添加 .img-fluid 类来设置响应式图片。
.img-fluid 类设置了 max-width: 100%;、 height: auto;

```
<!DOCTYPE html>
<html>
<head>
  <title>Bootstrap 实例</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
  <script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>
  <script
src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
  <script
src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body>
<div class="container">
  <h2>响应式图片</h2>
  <p>.img-fluid 类可以设置响应式图片，重置浏览器大小查看效果:</p>
```

```

</div>
</body>
</html>
```

2. 信息提示框

提示框颜色：提示框可以使用 .alert 类, 后面加上 .alert-success, .alert-info, .alert-warning, .alert-danger, .alert-primary, .alert-secondary, .alert-light 或 .alert-dark 类来实现颜色的变化:

```
<!DOCTYPE html>
<html>
<head>
<title>Bootstrap4 实例</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
<script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>
<script
src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
<script
src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body>
<div class="container">
<h2>提示框</h2>
<p>提示框可以使用 .alert 类, 后面加上指定特定意义的颜色类来实现:</p>
<div class="alert alert-success">
<strong>成功!</strong> 指定操作成功提示信息。
</div>
<div class="alert alert-info">
<strong>信息!</strong> 请注意这个信息。
</div>
<div class="alert alert-warning">
<strong>警告!</strong> 设置警告信息。
</div>
<div class="alert alert-danger">
<strong>错误!</strong> 失败的操作
</div>
<div class="alert alert-primary">
? <strong>首选!</strong> 这是一个重要的操作信息。
</div>
<div class="alert alert-secondary">
? <strong>次要的!</strong> 显示一些不重要的信息。
</div>
```

```

<div class="alert alert-dark">
? <strong>深灰色!</strong> 深灰色提示框。
</div>
<div class="alert alert-light">
? <strong>浅灰色!</strong> 浅灰色提示框。
</div>
</div>
</body>
</html>

```

提示框链接: 示框中在链接的标签上添加 alert-link 类来设置匹配提示框颜色的链接;

```

<!DOCTYPE html>
<html>
<head>
<title>Bootstrap4 实例</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
<script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>
<script
src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
<script
src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body>
<div class="container">
<h2>提示框添加链接</h2>
<p>提示框中在链接的标签上添加 alert-link 类来设置匹配提示框颜色的链接:
</p>
<div class="alert alert-success">
<strong>成功!</strong> 你应该认真阅读 <a href="#" class="alert-link">这
条信息</a>。
</div>
<div class="alert alert-info">
<strong>信息!</strong> 你应该认真阅读 <a href="#" class="alert-link">这
条信息</a>。
</div>
<div class="alert alert-warning">
<strong>警告!</strong> 你应该认真阅读 <a href="#" class="alert-link">这
条信息</a>。
</div>
<div class="alert alert-danger">
<strong>错误!</strong> 你应该认真阅读 <a href="#" class="alert-link">这
条信息</a>。
</div>

```

```

<div class="alert alert-primary">
  <strong>首选!</strong> 你应该认真阅读 <a href="#" class="alert-link">这
  条信息</a>。
</div>
<div class="alert alert-secondary">
  <strong>次要的!</strong> 你应该认真阅读 <a href="#" class="alert-link">
  这条信息</a>。
</div>
<div class="alert alert-dark">
  <strong>深灰色!</strong>你应该认真阅读 <a href="#" class="alert-link">这
  条信息</a>。
</div>
<div class="alert alert-light">
  <strong>灰色!</strong> 你应该认真阅读 <a href="#" class="alert-link">这
  条信息</a>。
</div>
</div>
</body>

```

关闭提示框: 我们可以在提示框中的 div 中添加 .alert-dismissible 类, 然后在关闭按钮的链接上添加 class="close" 和 data-dismiss="alert" 类来设置提示框的关闭操作。

```

<!DOCTYPE html>
<html>
<head>
  <title>Bootstrap4 实例</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
  href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
  <script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>
  <script
  src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
  <script
  src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body>
<div class="container">
  <h2>关闭提示框</h2>
  <p>我们可以在提示框中的 div 中添加 .alert-dismissible 类, 然后在关闭按钮
  的链接上添加 class="close" 和 data-dismiss="alert" 类来设置提示框的关闭操
  作。</p>
  <div class="alert alert-success alert-dismissible">
    <button type="button" class="close" data-dismiss="alert">&times;
  </button>
    <strong>成功!</strong> 指定操作成功提示信息。
  </div>

```

```

<div class="alert alert-info alert-dismissible">
  <button type="button" class="close" data-dismiss="alert">&times;
</button>
  <strong>信息!</strong> 请注意这个信息。
</div>
<div class="alert alert-warning alert-dismissible">
  <button type="button" class="close" data-dismiss="alert">&times;
</button>
  <strong>警告!</strong> 设置警告信息。
</div>
<div class="alert alert-danger alert-dismissible">
  <button type="button" class="close" data-dismiss="alert">&times;
</button>
  <strong>错误!</strong> 失败的操作。
</div>
<div class="alert alert-primary alert-dismissible">
  <button type="button" class="close" data-dismiss="alert">&times;
</button>
  <strong>首选!</strong> 这是一个重要的操作信息。
</div>
<div class="alert alert-secondary alert-dismissible">
  <button type="button" class="close" data-dismiss="alert">&times;
</button>
  <strong>次要的!</strong> 显示一些不重要的信息。
</div>
<div class="alert alert-dark alert-dismissible">
  <button type="button" class="close" data-dismiss="alert">&times;
</button>
  <strong>深灰色!</strong> 深灰色提示框。
</div>
<div class="alert alert-light alert-dismissible">
  <button type="button" class="close" data-dismiss="alert">&times;
</button>
  <strong>浅灰色!</strong> 浅灰色提示框。
</div>
</div>
</body>
</html>

```

提示框动画: .fade 和 .show 类用于设置提示框在关闭时的淡出和淡入效果:

```

<!DOCTYPE html>
<html>
<head>
  <title>Bootstrap4 实例</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
  <script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>

```

```
<script
src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
<script
src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body>
<div class="container">
  <h2>提示框动画</h2>
  <p>.fade 和 .show 类用于设置提示框在关闭时的淡出和淡入效果：</p>
  <div class="alert alert-success alert-dismissible fade show">
    <button type="button" class="close" data-dismiss="alert">&times;
  </button>
    <strong>成功!</strong> 指定操作成功提示信息。
  </div>
  <div class="alert alert-info alert-dismissible fade show">
    <button type="button" class="close" data-dismiss="alert">&times;
  </button>
    <strong>信息!</strong> 请注意这个信息。
  </div>
  <div class="alert alert-warning alert-dismissible fade show">
    <button type="button" class="close" data-dismiss="alert">&times;
  </button>
    <strong>警告!</strong> 设置警告信息。
  </div>
  <div class="alert alert-danger alert-dismissible fade show">
    <button type="button" class="close" data-dismiss="alert">&times;
  </button>
    <strong>错误!</strong> 失败的操作。
  </div>
  <div class="alert alert-primary alert-dismissible fade show">
    <button type="button" class="close" data-dismiss="alert">&times;
  </button>
    <strong>首选!</strong> 这是一个重要的操作信息。
  </div>
  <div class="alert alert-secondary alert-dismissible fade show">
    <button type="button" class="close" data-dismiss="alert">&times;
  </button>
    <strong>次要的!</strong> 显示一些不重要的信息。
  </div>
  <div class="alert alert-dark alert-dismissible fade show">
    <button type="button" class="close" data-dismiss="alert">&times;
  </button>
    <strong>深灰色!</strong> 深灰色提示框。
  </div>
  <div class="alert alert-light alert-dismissible fade show">
    <button type="button" class="close" data-dismiss="alert">&times;
  </button>
    <strong>浅灰色!</strong> 浅灰色提示框。
  </div>
</div>
```

```
</body>
</html>
```

3. 徽章

徽章（Badges）功能的用途主要是用来突显新的或者未读的项，让该项更加显眼。徽章的使用其实很简单，只需要将 .badge 类加上带有指定意义的颜色类 (如 .badge-secondary) 添加到 元素上即可。

注：徽章可以根据父元素的大小的变化而变化：

```
<!DOCTYPE html>
<html>
<head>
  <title>Bootstrap4 实例</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
  <script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>
  <script
src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
  <script
src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body>
<div class="container">
  <h2>各种颜色类型的徽章</h2>
  <span class="badge badge-primary">主要</span>
  <span class="badge badge-secondary">次要</span>
  <span class="badge badge-success">成功</span>
  <span class="badge badge-danger">危险</span>
  <span class="badge badge-pill badge-warning">警告</span> // badge-pill
是药丸形状的标签
  <span class="badge badge-info">信息</span>
  <span class="badge badge-light">浅色</span>
  <span class="badge badge-dark">深色</span>
</div>
</body>
</html>
```

将徽章插入元素内:按钮

```
<!DOCTYPE html>
<html>
<head>
  <title>Bootstrap4 实例</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
```

```

<link rel="stylesheet"
href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
<script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>
<script
src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
<script
src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body>
<div class="container">
<h2>徽章嵌入到按钮内</h2>
<button type="button" class="btn btn-primary">
  Messages <span class="badge badge-light">4</span>
</button>
<button type="button" class="btn btn-danger">
  Notifications <span class="badge badge-light">7</span>
</button>
</div>
</body>
</html>

```

4. 进度条:进度条创建步骤：添加一个带有 .progress 类的 < div >, 接着在上面的 < div > 内，添加一个带有 class .progress-bar 的空的 < div >,最后添加一个带有百分比表示的宽度的 style 属性，例如 style="width:70%" 表示进度条在 70% 的位置。

```

<!DOCTYPE html>
<html>
<head>
<title>Bootstrap4 实例</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
<script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>
<script
src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
<script
src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body>
<div class="container">
<h2>基本进度条</h2>
<p>要创建一个默认的进度条，可以在容器元素上添加 .progress 类，在子元素上添加 progress-bar 类，并设置进度条进度情况：</p>

```



```

<div class="progress">
  <div class="progress-bar" style="width:70%"></div>
  <div class="progress-bar" style="width:50%;height:20px"></div>//更改高度
  <div class="progress-bar" style="width:70%">70%</div>//进度条内添加文本,例如百分比
</div>
</div>
</body>
</html>

```

进度条颜色: 进度条默认是蓝色，不过我们可以通过添加颜色类来对进度条的颜色进行修改。

```

<!DOCTYPE html>
<html>
<head>
  <title>Bootstrap4 实例</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
  <script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>
  <script
src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
  <script
src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body>
<div class="container">
  <h2>多种颜色的进度条</h2>
  <p>Bootstrap4 提供了以下几种进度条颜色:</p>
  <div class="progress">
    <div class="progress-bar" style="width:30%"></div>
  </div>
  <br>
  <div class="progress">
    <div class="progress-bar bg-success" style="width:40%"></div>

    <div class="progress-bar progress-bar-striped" style="width:30%"></div>
  //加底纹

  </div>
  <br>
  <div class="progress">
    <div class="progress-bar bg-info" style="width:50%"></div>
  </div>
  <br>

```

```

<div class="progress">
  <div class="progress-bar bg-warning" style="width:60%"></div>
</div>
<br>
<div class="progress">
  <div class="progress-bar bg-danger" style="width:70%"></div>
</div>
</div>
</body>
</html>

```

进度条动画: 使用 .progress-bar-animated 类可以为进度条添加动画:

```

<!DOCTYPE html>
<html>
<head>
  <title>Bootstrap4 实例</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
  <script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>
  <script
src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
  <script
src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body>
<div class="container">
  <h2>动画进度条</h2>
  <p>使用 .progress-bar-animated 类可以为进度条添加动画: </p>
  <div class="progress">
    <div class="progress-bar progress-bar-striped progress-bar-animated"
style="width:40%"></div>
  </div>
</div>
</body>
</html>

```

混合色彩进度: 单个进度条可以设置成多种颜色:

```

<!DOCTYPE html>
<html>
<head>
  <title>Bootstrap4 实例</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">

```

```
<link rel="stylesheet"
href="https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css">
<script src="https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js">
</script>
<script
src="https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js">
</script>
<script
src="https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js">
</script>
</head>
<body>
<div class="container">
<h2>混合色彩进度条</h2>
<p>进度条可以设置多种颜色:</p>
<div class="progress">
<div class="progress-bar bg-success" style="width:40%">
Free Space
</div>
<div class="progress-bar bg-warning" style="width:10%">
Warning
</div>
<div class="progress-bar bg-danger" style="width:20%">
Danger
</div>
</div>
</div>
</body>
</html>
```